

SEQUENCE LISTING

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<130> 220261US0XPCT

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<170> PatentIn version 3.1

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tcg gtt gcg gac gca gca caa caa gtt gtc gcg acc ggc acc ata att	96
Ser Val Ala Asp Ala Ala Gln Gln Val Val Ala Thr Gly Thr Ile Ile	
20 25 30	
tct gcc atc aac ccc tcc aga gga ccc gcc gtc att gaa ggc agc ttt	144
Ser Ala Ile Asn Pro Ser Arg Gly Pro Ala Val Ile Glu Gly Ser Phe	
35 40 45	
gac gaa gca ctg gcc acg ttc cat ctc att gaa gag gtg gag cgc gct	192
Asp Glu Ala Leu Ala Thr Phe His Leu Ile Glu Glu Val Glu Arg Ala	
50 55 60	
gag cgg gaa aac ccg ccc gac gcc tac gtc atc gca tgt ttc ggg gat	240
Glu Arg Glu Asn Pro Pro Asp Ala Tyr Val Ile Ala Cys Phe Gly Asp	
65 70 75 80	
ccg gga ctt gac gcg gtc aag gag ctg act gac agg cca gtg gta gga	288
Pro Gly Leu Asp Ala Val Lys Glu Leu Thr Asp Arg Pro Val Val Gly	
85 90 95	
gtt gcc gaa gct gca atc cac atg tct tca ttc gtc gcg gcc acc ttc	336
Val Ala Glu Ala Ala Ile His Met Ser Ser Phe Val Ala Ala Thr Phe	
100 105 110	
tcc att gtc agc atc ctc ccg agg gtc agg aaa cat ctg cac gaa ctg	384
Ser Ile Val Ser Ile Leu Pro Arg Val Arg Lys His Leu His Glu Leu	
115 120 125	
gta cgg caa gcg ggg gcg acg aat cgc ctc gcc tcc atc aag ctc cca	432
Val Arg Gln Ala Gly Ala Thr Asn Arg Leu Ala Ser Ile Lys Leu Pro	
130 135 140	
aat ctg ggg gtg atg gcc ttc cat gag gac gaa cat gcc gca ctg gag	480
Asn Leu Gly Val Met Ala Phe His Glu Asp Glu His Ala Ala Leu Glu	
145 150 155 160	
acg ctc aaa caa gcc gcc aag gag gcg gtc cag gag gac ggc gcc gag	528
Thr Leu Lys Gln Ala Ala Lys Glu Ala Val Gln Glu Asp Gly Ala Glu	
165 170 175	
tcg ata gtg ctc gga tgc gcc ggc atg gtg ggg ttt gcg cgt caa ctg	576
Ser Ile Val Leu Gly Cys Ala Gly Met Val Gly Phe Ala Arg Gln Leu	
180 185 190	
agc gac gaa ctc ggc gtc cct gtc atc gac ccc gtc gag gca gct tgc	624
Ser Asp Glu Leu Gly Val Pro Val Ile Asp Pro Val Glu Ala Ala Cys	
195 200 205	
cgc gtg gcc gag agt ttg gtc gct ctg ggc tac cag acc agc aaa gcg	672
Arg Val Ala Glu Ser Leu Val Ala Leu Gly Tyr Gln Thr Ser Lys Ala	

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Ser Ala Ile Asn Pro Ser Arg Gly Pro Ala Val Ile Glu Gly Ser Phe
35 40 45

Asp Glu Ala Leu Ala Thr Phe His Leu Ile Glu Glu Val Glu Arg Ala
50 55 60

Glu Arg Glu Asn Pro Pro Asp Ala Tyr Val Ile Ala Cys Phe Gly Asp
65 70 75 80

Pro Gly Leu Asp Ala Val Lys Glu Leu Thr Asp Arg Pro Val Val Gly
85 90 95

Val Ala Glu Ala Ala Ile His Met Ser Ser Phe Val Ala Ala Thr Phe
100 105 110

Ser Ile Val Ser Ile Leu Pro Arg Val Arg Lys His Leu His Glu Leu
115 120 125

Val Arg Gln Ala Gly Ala Thr Asn Arg Leu Ala Ser Ile Lys Leu Pro
130 135 140

Asn Leu Gly Val Met Ala Phe His Glu Asp Glu His Ala Ala Leu Glu
145 150 155 160

Thr Leu Lys Gln Ala Ala Lys Glu Ala Val Gln Glu Asp Gly Ala Glu
165 170 175

Ser Ile Val Leu Gly Cys Ala Gly Met Val Gly Phe Ala Arg Gln Leu
180 185 190

Ser Asp Glu Leu Gly Val Pro Val Ile Asp Pro Val Glu Ala Ala Cys
195 200 205

Arg Val Ala Glu Ser Leu Val Ala Leu Gly Tyr Gln Thr Ser Lys Ala
210 215 220

Asn Ser Tyr Gln Lys Pro Thr Glu Lys Gln Tyr Leu
225 230 235